

Title (en)
SYSTEM FOR BIOLOGICAL FERMENTATION

Title (de)
SYSTEM ZUR BIOLOGISCHEN FERMENTIERUNG

Title (fr)
SYSTÈME DE FERMENTATION BIOLOGIQUE

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Abstract (en)
[origin: WO2012005667A1] The present invention describes a system for biological fermentation, said system comprising: -a feedstock tank connected to a bioreactor, wherein the bioreactor has a slurry/liquid inflow, a slurry/liquid outflow and a gas outflow; -a feeding valve to control the feeding and hence slurry/liquid inflow from the feedstock tank to the bioreactor; -a computer unit which controls the opening and closing of the feeding valve, wherein the feeding from the feedstock tank to the bioreactor is driven by a higher pressure in the feedstock tank than in the bioreactor; and wherein mass balance control is ensured by control of opening and closing of the feeding valve in relation to a set point value of the mass quantity on the computer unit. Moreover, a method for controlling a biological fermentation process system according to the present invention is also provided.

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